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ADLER, LEONA K.
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11. SE 001 828 11 01 67 10 21 17 2 22 000 319
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FRYBACK, WILLIAM H.
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HAMILTON, NANCY BARNETT
THE SCIENTIFIC LITERACY OF SENIORS IN URBAN, SUBURBAN, AND RURAL HIGH SCHOOLS IN KENTUCKY

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65 144
*ACHIEVEMENT, DOCTORAL THESES, *EDUCATIONAL BACKGROUND, FEMALES, MALES, *RESEARCH REPORTS, *RURAL SCHOOLS, *SUBURBAN SCHOOLS, SOCIOECONOMIC INFLUENCES, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC LITERACY, STUDENT ATTITUDES, STUDENT ABILITY, *URBAN SCHOOLS, 1965, KENTUCKY, ITED, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS (SCIENCE FORM 2 A), TEST ON UNDERSTANDING SCIENCE, OTIS QUICK SCORING MENTAL ABILITY TEST, PERSONAL INVENTORY OF SCIENCE

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HANSON, ROBERT WARREN
A COMPARISON OF SCIENCE PROGRAMS IN IOWA SECONDARY SCHOOLS RANKING HIGH AND LOW IN SCIENCE ACHIEVEMENT

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61 225
*ACADEMIC ACHIEVEMENT, *SECONDARY SCHOOL SCIENCE, *STUDENT CHARACTERISTICS, *TEACHER CHARACTERISTICS, COURSE OFFERINGS, CURRICULUM, INSTRUCTION, SCIENCE FACILITIES, RESEARCH REPORTS, SCIENCE ACTIVITIES, TEACHING PROCEDURES, IOWA TESTS OF EDUCATIONAL DEVELOPMENT, 1956, 1959, IOWA

34. SE 001 081 08 22 67 19 25 17 1 00 000 008
HENDRICKS, B. O'NEAL AND OTHERS
SELECTED HIGH SCHOOL COURSES AS RELATED TO FIRST QUARTER CHEMISTRY MARKS

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*CHEMISTRY, *COLLEGE SCIENCE, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *ACADEMIC ACHIEVEMENT, MATHEMATICS, COLLEGE ENTRANCE EXAMINATION, SCHOLASTIC APTITUDE TEST

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HENDRICKSON, CHARLES W.
YOUR ACS-NSTA HIGH SCHOOL CHEMISTRY TESTING PROGRAM

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HENKEL, ELMER THOMAS
A STUDY OF CHANGES IN CRITICAL THINKING ABILITY AS A RESULT OF INSTRUCTION IN PHYSICS

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*ACADEMIC ACHIEVEMENT, *COLLEGE SCIENCE, *CRITICAL THINKING, *PHYSICS, *RESEARCH REPORTS, DOCTORAL DISSERTATIONS, STUDENT CHARACTERISTICS, TEACHING PROCEDURES, WATSON-GLASER CRITICAL THINKING APPRAISAL, UNIVERSITY OF TOLEDO, IOWA PLACEMENT EXAMINATION - PHYSICS, 1965

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HOWARDS, MELVIN
MEASURING CHILDREN'S UNDERSTANDING OF SELECTED MULTIPLE-MEANING WORDS AS IT RELATES TO SCIENTIFIC WORD LISTS

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63 107
*ACHIEVEMENT, *ELEMENTARY SCHOOL SCIENCE, *EVALUATION, *GRADE 4, *GRADE 5, *GRADE 6, *RESEARCH REPORTS, *SCIENTIFIC LITERACY, *VOCABULARY DEVELOPMENT, *WORD RECOGNITION, CONCEPT FORMATION, DOCTORAL THESES, FEMALES, MALES, SCIENTIFIC CONCEPTS, TESTS, MULTIPLE-MEANING WORD TESTS, CALIFORNIA MENTAL MATURITY TEST, IOWA SILENT READING TEST

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HERRON, JAMES DUDLEY
A FACTOR ANALYTIC AND STATISTICAL COMPARISON OF CHEM STUDY AND CONVENTIONAL CHEMISTRY IN TERMS OF THEIR DEVELOPMENT OF COGNITIVE ABILITIES
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*ACADEMIC ACHIEVEMENT, *CURRICULUM, *CURRICULUM EVALUATION, *COGNITIVE DEVELOPMENT, *COMPARATIVE ANALYSIS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *CHEMISTRY, DOCTORAL THESES, EVALUATION, CONVENTIONAL INSTRUCTION, WATSON-GLASER CRITICAL THINKING APPRAISAL, ITED (IOWA TEST OF EDUCATIONAL DEVELOPMENT), CHEMICAL EDUCATION MATERIALS STUDY, 1965

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JACKSON, HAROLD FRANKLIN
THE EFFECTIVENESS OF USING FILMED COURSES IN PHYSICS AND CHEMISTRY IN ADDITION TO THE TRADITIONAL LECTURE-LABORATORY COURSES IN HIGH SCHOOL
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*CHEMISTRY, *COMPARATIVE ANALYSIS, *INSTRUCTION, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *ACADEMIC ACHIEVEMENT, *TEACHING METHODS, AUDIOVISUAL AIDS, FILMS, FILMED COURSES, 1963, STEP TESTS (SCIENCE, FORM 2A), THE AMERICAN INSTITUTE FOR RESEARCH PHYSICS TEST, PHYSICAL SCIENCE STUDY COMMITTEE, ENCYCLOPEDIA BRITANNICA FILMS, HARVEY WHITE FILMS

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JEFFREY, JACK C.
EVALUATION OF SCIENCE LABORATORY INSTRUCTION

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*ACADEMIC ACHIEVEMENT, *CHEMISTRY, *EVALUATION TECHNIQUES, *TESTS, *EVALUATION, BIOLOGY, EDUCATIONAL OBJECTIVES, PHYSICS, PERFORMANCE TESTS, SECONDARY SCHOOL SCIENCE, TEACHING TECHNIQUES, SCIENCE ACTIVITIES

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JOHNSON, LLOYD K.
A COMPARISON OF UNDERSTANDINGS OF SELECTED PRINCIPLES OF PHYSICS DEVELOPED BY STUDENTS AT THREE LEVELS OF INSTRUCTION

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*PHYSICS, *ACADEMIC ACHIEVEMENT, COLLEGE SCIENCE, COURSE CONTENT, GENERAL SCIENCE, PHYSICAL SCIENCES, SCIENTIFIC PRINCIPLES, SECONDARY SCHOOL SCIENCE, TEXTBOOKS, TERMAN-McNEMAR TEST OF MENTAL ABILITY, DUNNING PHYSICS TEST, RESEARCH REPORTS

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JONES, KENNETH J.
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KAUDERER, BERNARD
AN ANALYSIS OF THE ADVANCED PLACEMENT SCIENCE PROGRAM AS DETERMINED BY A STUDY OF THE COLLEGE RECORDS OF SELECTED 1956 ADVANCED PLACEMENT SCIENCE CANDIDATES IN NEW YORK STATE
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*ACADEMIC ACHIEVEMENT, *ADVANCED PLACEMENT, *NATURAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *STUDENT CHARACTERISTICS, ADVANCED SCIENCE PROGRAMS, NEW YORK, NEW YORK STATE REGENTS SCHOLARSHIP, SCHOLASTIC ACHIEVEMENT TESTS, PHI BETA KAPPA

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KERNS, LEROY RAYMOND
A STUDY OF THE DIFFERENCES OF COMPREHENSION THAT PUPILS IN COLORADO ELEMENTARY SCHOOLS HAVE OF TWENTY SELECTED SCIENCE WORDS

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*CONCEPT FORMATION, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *ACADEMIC ACHIEVEMENT, *SCIENCE INTERESTS, COURSE CONTENT EVALUATION, SCIENCE AND SOCIETY, STUDENT ATTITUDES, RESEARCH REPORTS, COLORADO

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KLANSMEIER, HERBERT J. AND WIERSMA, WILLIAM
EFFECTS OF CONDENSING CONTENT IN MATHEMATICS AND SCIENCE IN THE JUNIOR AND SENIOR HIGH SCHOOL

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*ABLE STUDENTS, *ACADEMIC ACHIEVEMENT, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *INSTRUCTION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SECONDARY SCHOOL MATHEMATICS, BIOLOGY, GENERAL SCIENCE, LORGE-THORNDIKE INTELLIGENCE TEST, IOWA TEST OF BASIC SKILLS, STANFORD ACHIEVEMENT TEST, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, LANKTON FIRST YEAR ALGEBRA TEST, HENMON-NELSON TEST OF MENTAL ABILITY, 1964, TEST ON UNDERSTANDING SCIENCE

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KLEINMAN, GLADYS
TEACHERS' QUESTIONS AND STUDENT UNDERSTANDING OF SCIENCE

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KOCHERSBERGER, ROBERT C.
A COMPARISON OF ACHIEVEMENT OF GENERAL BIOLOGY STUDENTS IN A COMMUNITY COLLEGE WITH SIMILAR STUDENTS IN A UNIVERSITY AS RELATED TO THEIR BACKGROUNDS
AUTHOR, JAMESTOWN COMMUNITY COLLEGE, NEW YORK

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A SURVEY OF THE SOURCES AND EXTENT OF PRIMARY GRADE CHILDREN'S CONCEPTS OF ELEMENTARY ASTRONOMY

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*ASTRONOMY, *ACADEMIC ACHIEVEMENT, *CONCEPT FORMATION, *DISSERTATION, *ELEMENTARY SCHOOL SCIENCE, *RESEARCH REPORTS, LEARNING, TEXTBOOKS, WISCONSIN, 1963

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La SHIER, WILLIAM S.
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*ACADEMIC ACHIEVEMENT, *ATTITUDES, *BIOLOGY, *DISSERTATION, *INSTRUCTIONAL PROCEDURES, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *STUDENT TEACHERS, *TEACHER BEHAVIOR, *VERBAL BEHAVIOR, GRADE 8, INTERACTION ANALYSIS, BIOLOGICAL SCIENCES CURRICULUM STUDY, MICHIGAN STUDENT QUESTIONNAIRE, 1965

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*ACADEMIC ACHIEVEMENT, *COURSE CONTENT, *COLLEGE SCIENCE, *STUDENT INTERESTS, *SCIENCE INTERESTS, BIOLOGY, PHYSICAL SCIENCES, RESEARCH REPORTS, NEWARK COLLEGES, RUTGERS UNIVERSITY, NEW JERSEY, ACE PSYCHOLOGICAL EXAMINATION, 1951

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THE COMPARATIVE EFFECT OF BSCS AND TRADITIONAL BIOLOGY ON STUDENT ACHIEVEMENT

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THE COMPARATIVE EFFECT OF BSCS AND TRADITIONAL BIOLOGY UPON STUDENT ACHIEVEMENT

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*BIOLOGY, *COURSE CONTENT EVALUATION, *SECONDARY SCHOOL SCIENCE, *ACADEMIC ACHIEVEMENT, COURSE CONTENT, GRADE 10, BIOLOGICAL SCIENCES CURRICULUM STUDY, RESEARCH REPORTS

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A DETERMINATION OF CERTAIN CHANGES IN PARENTAL UNDERSTANDINGS, ATTITUDES, AND INTERESTS AS COMPARED WITH THOSE OF THEIR HIGH SCHOOL CHILDREN FOLLOWING A TEACHING UNIT IN ATOMIC ENERGY
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*ACHIEVEMENT, *PARENTS, *SECONDARY SCHOOL SCIENCE, *STUDENTS, ATOMIC ENERGY, COURSE CONTENT, PARENTAL ATTITUDES, RESEARCH REPORTS, STUDENT ATTITUDES, STUDENT INTERESTS, 1953, PARENTAL INTERESTS

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*ACHIEVEMENT, *CHEMISTRY, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, EVALUATION, LABORATORY-CENTERED TEACHING, RESEARCH REPORTS, TEXTBOOK-CENTERED TEACHING, TESTING, LORD SELKIRK HIGH SCHOOL, WINNIPEG (CANADA), CANADA, ANDERSON CHEMISTRY TEST, 1952, 1953

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*ACADEMIC ACHIEVEMENT, *ABLE STUDENTS, *BIOLOGY, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, DOCTORAL DISSERTATIONS, EDUCATIONAL PROGRAMS, EVALUATION, GRADE 9, BIOLOGICAL SCIENCES CURRICULUM STUDY, NELSON BIOLOGY TEST, BSCS COMPREHENSIVE FINAL EXAMINATION, LORGE-THORNDIKE INTELLIGENCE TEST, IOWA TESTS OF EDUCATIONAL DEVELOPMENT (TEST NO. 6), ARIZONA, 1965

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SECONDARY SCHOOL BIOLOGY ACHIEVEMENT AS RELATED TO CLASS PERIOD LENGTH AND TEACHING METHOD

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STOUT, EDMOND B.
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AUTHOR, UNIVERSITY OF AKRON, OHIO

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UNIHORN, KENNETH WAYNE
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AUTHOR, HOWARD UNIVERSITY, CAMBRIDGE, MASSACHUSETTS

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WOODWARD, CARL SAMUEL
FACTORS IN A STUDENT'S CUMULATIVE SCHOLASTIC RECORD WHICH PREDICT ACHIEVEMENT IN A FIRST COURSE IN COLLEGE PHYSICS

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